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Prof. Joshua Lederberg
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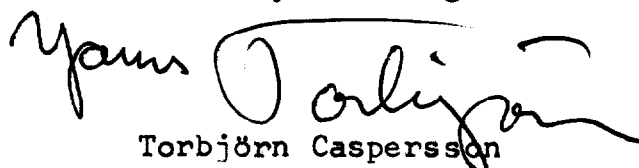
Dear Joshua:

Thinking back on our earlier chromosome-DNA-pattern-discussions I wonder whether this Chromosompaper, which will soon appear, would be of interest for you. I also send some background information.

The fluorescence pattern after quinacrine mustard appears to be quite reproducable - we have now a five times larger material than that in the publication with no "abortions". Now we are going on to some inherited chromosome aberrations - a field that looks quite promising. The main limitation is the resolving power of the microscope which makes work on the smallest chromosomes less attractive, but, as you can see, a lot of information can be gotten from the large and intermediate-sized ones.

This is evidently a field for computerisation of the work - I did not believe much in doing that for the DNA-patterns - and we are doing some efforts in that direction. I fear, however, that our resources for such pattern recognition work are by far insufficient.

With many kind regards


Torbjörn Caspersson

CASPERSSON, T.